

## AUAC00082 Dulux Acratex Membrane 105HP

### Introduction

Part A  
194-20830

### Description and Image




Previously known as AcraTex Membrane 105HP + InfraCOOL Technology

**Dulux Acratex Membrane 105 HP** is a high build 100% acrylic roof grade membrane formulated to provide maximum Solar reflectance for optimum cooling benefit. Dulux Acratex Membrane 105 HP Cool Roof white is designed as a Radiant Heat barrier maximising Solar reflectance with InfraCOOL Technology, specifically formulated for low dirt pickup in order to maintain solar reflectance properties maximum resistance against the elements, ultimate elongation, flexural/cohesive strength, and anti-carbonisation

### Features and Benefits

- 7 year warranty
- High water tightness
- Maximum Solar Reflectance
- Resists dirt pickup
- Water based
- Guaranteed long term exterior durability.
- Excellent water resistance and protection.
- Surface cooling effect / Cooling Energy Saving
- Maintains reflectivity and cooling effect on aging
- Easy, safe and economical clean-up.
- No top coat required

### Standards And Certifications

 <p>NATA Accredited: National Association of Testing Authorities</p>	 <p>Certified System: Quality ISO 9001</p>	 <p>Certified System: Environment ISO 14001</p>	
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### Standards and Certifications

For details on these standards and certifications please reference the 'Approvals' section at the beginning of this document. Please contact your DuluxGroup representative for specific information on ESD credits / points.

### Uses

Dulux Acratex Membrane 105HP is designed for application to correctly prepared and primed vertical and horizontal masonry substrates to provide a Radiant Heat barrier maximising Solar reflectance and as a barrier against the ingress of rain and carbon dioxide.

Performance Guide	
Salt <b>Resists salt spray.</b>	Heat Resistance <b>To 90C (dry)</b>
Water <b>Water vapour transmission: 20.0g/24Hr/sq metre.</b> <b>Water transmission: less than 1g/24Hr/sq metre/Kpa</b>	Solvent <b>Resists alcohol and aliphatic hydrocarbons.</b> <b>Sensitive to other strong solvents.</b>
Abrasion <b>Good resistance to abrasion.</b>	Acid <b>Resists dilute acid</b>
Alkali <b>Resists dilute alkali</b>	

Typical Properties			
V.O.C. Content <b>&lt; 36 g/L untinted</b>			
Clean Up Clean up water Clean all equipment with water.			
Application Methods  <b>Airless Spray</b>			
Specifications	Solids by Volume		
	50.58		
	Min	Max	Recommended
Wet Film Per Coat (microns)	791	989	791
Dry Film Per Coat (microns)	400	500	400
Theoretical Spread Rate (m <sup>2</sup> /L)	1.3	1	1.3
Drying Time	Min	Max	Recommended
Recoat Time (min/hours)	24 hours	Indefinite	

## Application Guide

### Surface Preparation

All surfaces must be cured, clean, sound and free of all contaminants such as form oils, release agents and mortar splashes. Surface imperfections, misalignments and protrusions must be levelled and patched and completely flush to surrounding surfaces. Metal, tie wire, etc. on surface must be removed or treated against corrosion.

Prime substrate with Dulux Acratex AcraPrime SB.

Ensure that it is cured completely and covers the substrate evenly.

Patch with Dulux Acratex AcraPatch after priming then only the patched areas need to be spot primed with Dulux Acratex AcraPrime WB.

### Application Procedure and Equipment

#### Airless Spray Only

Product should be thoroughly mixed before use. Refer to the Dulux Acratex Application Manual for detailed instructions.

Apply by using airless spray at 1.3 square metres per litre. Minimum 2 coats.

**Note:** Applications less than 300 micrometres wet film thickness per coat will reduce the system performance.

## Health and Safety

SDS Number

**DLX000909**

SDS Link

[View SDS Link](#)

Using Safety Precautions

Wear eye protection and when spraying wear a dust mask

**Please refer to SDS Link. In case of emergency, please call 1800 220 770.**

## Precautions and Limitations

**This product data sheets shall be read in conjunction with the Dulux specification.**

To ensure colour uniformity and for optimum performance, Dulux recommend a full coating system including a Membrane topcoat.

For **all** systems, the Texture &/or Base Coat should be tinted in accordance with Tint Guide to the specified topcoat colour (or a colour as close as possible to the specified colour as product and Acratex tint rules allow).

**Important:** Not all colours are suitable for exterior use.

Ensure that you have adequate tinted stock to complete the job in one application.

All material must be thoroughly cross-mix to ensure tint uniformity.

It is recommended to hold a volume of finish material for future maintenance touch-ups

Practical spreading rates will vary from quoted theoretical figures depending on substrate porosity, surface roughness, overspray losses, application methods and environmental conditions (e.g. wind).

- Do not apply paint if Relative Humidity is above 85% or temperature is within 3°C of Dew Point.
- Do not apply if the surface temperature is greater than 40°C or below 10°C, or likely to fall below 10°C during the application or drying period.
- Dry times apply to a single coat at recommended spread rate and at 25°C and 50% Relative Humidity
- Allow longer times under cool, moist, or still conditions and or when applied at high film builds.
- Protect from dew, rain and frost for 48 hours when apply at the recommended spread rate.
- Avoid application in hot, windy conditions or on hot surfaces cool the surface by hosing with water and paint the cool damp surface.
- The exterior texture coatings should be cleaned on a regular basis.
- This will help maintain your overall aesthetic appearance and preserve your Acratex Texture coating system.

Cleaning once every year will remove light soil as well as grime and airborne pollutants refer Dulux Acratex Care & Maintenance Guide.

Transport and Storage	
Line Shade /Pack A <b>194-20830</b>	Shipment Name <b>Not dangerous goods.No special transport requirements.</b>
Size: <b>15 Litre</b>	Weight: <b>22 kg</b>

#### Disclaimer

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Unless Dulux has provided you with a customised, project-specific specification, this Data Sheet does not represent that any particular product or product system will be suitable for your project.

Any information provided in this Data Sheet is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Data Sheet, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from [www.duspecplus.com.au](http://www.duspecplus.com.au). Climatic conditions at application time can affect product suitability and performance.

The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

Where any liability of Dulux in respect of this Data Sheet cannot by law be excluded, Dulux's liability is limited, as permitted by law and at Dulux's option, to resupply of the relevant products or services or to reimbursing the cost of those products or services.

WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS 4361 Parts 1 and 2 and Worksafe Australia guidelines.